

Teacher's Guide



Molding and Casting Tour

Pre-Visit Activities

1. Show orientation and demonstration video on 19th Century occupations at Hopewell Furnace; includes charcoal making (colliers), molding / casting (moulders), and smithing (blacksmiths).
 2. Students should look over the list of occupations at Hopewell in order to familiarize themselves with the terminology.
 3. Students should read the "Iron Ore To Cast Iron Stove Parts" story; the teacher should review the occupations mentioned in the story with the students.
 4. Students should read over the vocabulary list.
 5. Students should read over "The Iron-Making Process."
 6. The teacher should hang the photo sample page on the bulletin board.
 7. The teacher should administer the "Pre-Visit Research Worksheet / Quiz" to the students.
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Post-Visit Activities

1. Each student should prepare a fictional journal that describes one's life for a short time period during the early 1800s.
2. Students can draw scenes that depict life in the early 19th Century.
3. Students can read books and historical records of the time period around 1830.
4. A student can make clothing like that worn during the early 1800s.
5. Students could bring their parents or friends to Hopewell to experience the history they so enjoyed.
6. Some interested students could make models of buildings, wagons, or other aspects of the Hopewell Plantation.
7. Students could prepare and present a dramatic representation of life at Hopewell during its heyday.
8. Students could prepare poems or songs about life at Hopewell during the early 1800s.
9. Students could research the iron industry during the 19th Century.
10. Students could visit other pre-20th Century iron-making historic sites.